

What is claimed is:

1. An information serving system comprising:
a broadcast module having a broadcast unit to broadcast
5 information including at least video information;
a reception module having:
a receiver to receive the broadcasted broadcast
information,
a selector to select an image component composing
an image consisting of the video information included in
the received broadcast information,
a producing unit to produce specification
information indicative of the selected image component,
15 a transmitter to transmit the produced
specification information, and
a presenting unit to receive incoming component
information and present the received component
information; and
an information serving module having
20 an acquiring unit to acquire the incoming
specification information, and
a transmitter to transmit to the reception module
the component information indicative of the image
component indicated by the acquired specification
25 information.
2. The information serving system of claim 1, wherein
the broadcast unit included in the broadcast module is configured
to include identification information to identify the image
30 component into the broadcast information and broadcast the

broadcast information with the identification information therein, and

the producing unit included in the reception module is configured to produce, as the specification information, the identification information broadcasted correspondingly to the selected image component.

3. The information serving system of claim 2, wherein the information serving module further includes a transmitter to transmit the identification information to the broadcast module, and

the broadcast unit included in the broadcast module is configured to include the incoming identification information into the broadcast information and to transmit the broadcast information with the identification information included therein.

4. A broadcast module included in the information serving system of claim 1, comprising the broadcast unit.

5. A reception module included in the information serving system of claim 1, comprising:

the receiver;
the selector;
the producing unit;
the transmitter; and
the presenting unit.

6. An information serving module included in the information serving system of claim 1, comprising:

the acquiring unit; and
the transmitter.

7. The information serving system of claim 1, wherein
5 the broadcast module further comprises a fee processing unit
to acquire and process a piece of incoming information about
a fee payment for information service, and

the information serving module further comprises a fee
information transmitter to produce the fee payment information
about payment of an information serving fee accompanying the
transmitted component information when the transmitter
transmits the component information to the reception module and
to transmit the produced fee payment information to the broadcast
module.

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8. The information serving system of claim 1, wherein
the producing unit of the reception module is configured to
produce, as the specification information, a piece of
specification information including at least information about
20 time at which positional information indicative of a position
of the image component in the image and the image including the
image component are outputted.

9. An information serving system comprising:
25 a broadcast module having broadcast means for broadcasting
broadcast information including at least video information;
a reception module having:
reception means for receiving the broadcasted
broadcast information,
30 selection means for selecting an image component

composing an image consisting of the video information included in the received broadcast information,

production means for producing specification information indicative of the selected image component,

5 transmission means for transmitting the produced specification information, and

presentation means for receiving incoming component information and presenting the received component information; and

10 an information serving module having

acquisition means for acquiring the incoming specification information, and

transmission means for transmitting to the reception module the component information indicative of the image component indicated by the acquired specification information.

15 10. The information serving system of claim 9, wherein the broadcast means included in the broadcast module is configured to include identification information to identify the image component into the broadcast information and broadcast the broadcast information with the identification information therein, and

20 25 the production means included in the reception module is configured to produce, as the specification information, the identification information broadcasted correspondingly to the selected image component.

30 11. The information serving system of claim 10, wherein the information serving module further includes transmission

means for transmitting the identification information to the broadcast module, and

the broadcast means included in the broadcast module is configured to include the incoming identification information 5 into the broadcast information and to transmit the broadcast information with the identification information included therein.

12. A broadcast module included in the information serving system of claim 9, comprising the broadcast means. 10

13. A reception module included in the information serving system of claim 9, comprising:

the reception means;
the selection means;
the production means;
the transmission means; and
the presentation means.

20 14. A reception module included in the information serving system of claim 10, comprising:

the reception means;
the selection means;
the production means;
25 the transmission means; and
the presentation means,

wherein the identification information includes component identifying information for identifying the image component, highlight information for highlight-displaying the 30 image component in displaying the image component by the

selection means included in the reception module, date and time information indicative of a date and time on and at which the broadcast information including the image component is broadcasted, and positional information indicative of a display position of the image component in the image composed of the image component, and

the selection means includes highlight display means for highlight-displaying the image component determined by the identification information, the date and time information, and the positional information.

15. The reception module of claim 14, wherein the selection means comprises specification means for specifying the image component highlight-displayed, and

the production means is configured to produce, as the specification information, the identification information broadcasted correspondingly to the specified image component.

20. An information serving module included in the information serving system of claim 9, comprising:

the acquisition means; and
the transmission means.

25. A reception method carried out by the reception module included in the information serving system of claim 9, comprising the steps of:

receiving broadcast information that has been broadcasted;

30. selecting an image component composing an image corresponding to video information included in the received

broadcast information;

producing specification information indicative of the selected image component;

transmitting the produced specification information; and

5 receiving and presenting the incoming component information.

18. A broadcast method carried out by the broadcast module included in the information serving system of claim 10, comprising the step of broadcasting the broadcast information in which the identification information to identify the image component is included.

19. An information serving method carried out by the information serving module included in the information serving system of claim 9, comprising the steps of:

acquiring the incoming specification information; and
transmitting to the reception module the component information indicative of the image component indicated by the acquired specification information.

20. A data structure of the identification information of claim 8, wherein the identification information includes component identifying information for identifying the image component, highlight information for highlight-displaying the image component in displaying the image component by the selection means included in the reception module, date and time information indicative of a date and time on and at which the broadcast information including the image component is broadcasted, and positional information indicative of a display

position of the image component in the image composed of the image component, and

the identification information additionally includes a piece of section information indicative of a section in the broadcast information, the section information being added to each of the component identification information, the highlight information, the date and time information, and the positional information, immediately before and after thereof.

10 21. An information producing method of producing the broadcast information including the identification information having the data structure of claim 20, comprising the steps of:

15 acquiring the component identification information, the highlight information, the date and time information, and the positional information that correspond to the image component;

20 producing the identification information by adding the section information to each of the acquired component identification information, the acquired highlight information, the acquired date and time information, and the acquired positional information, immediately before and after thereof; and

25 producing the broadcast information by combining the produced identification information with the video information based on a time-sharing manner.

22. The information serving system of claim 9, wherein the broadcast module further comprises fee processing means for acquiring and processing a piece of incoming information about a fee payment for information service, and

30 the information serving module further comprises fee

information transmitting means for producing the fee payment information about payment of an information serving fee accompanying the transmitted component information when the transmission means transmits the component information to the reception module and for transmitting the produced fee payment information to the broadcast module.

23. The information serving system of claim 22, wherein the broadcast module further comprises fee information acquiring means for acquiring a piece of incoming information about a fee for information serving transmitted from the information serving module, and

the information serving module further comprises further fee information transmitting means for transmitting to the broadcast module the fee information indicative of the information serving fee prior to transmitting the fee payment information, when the component information is transmitted to the reception module.

24. The information serving system of claim 22, wherein the information serving fee is calculated in the information serving module for every piece of component information on the basis of the number of times of supplying the component information.

25. The information serving system of claim 24, wherein the information serving fee is calculated in the information serving module for every piece of component information through addition of a predetermined basic fee to an amount obtained by multiplying a predetermined scale by the number of times.

26. The information serving system of claim 22, wherein
the broadcast means included in the broadcast module is
configured to include a piece of identification information to
5 identify the image component into the broadcast information so
as to broadcast the broadcast information including the
identification information,

the selection means in the reception module is configured
to select the image component using the broadcasted
10 identification information, and

the information serving fee is a fee which should be paid
for broadcasting the broadcast information including the
identification information.

15 27. A broadcast module included in the information
serving system of claim 22, comprising:

the broadcast means; and
the fee processing means.

20 28. A reception module included in the information
serving system of claim 22, comprising:

the reception means;
the selection means;
the production means;
25 the transmission means; and
the presentation means.

29. An information serving module included in the
information serving system of claim 22, comprising:

30 the acquisition means;

the transmission means; and
the fee information transmitting means.

30. A reception method carried out by the reception module
5 included in the information serving system of claim 22,
comprising the steps of:

receiving broadcast information that has been
broadcasted;

selecting an image component composing an image
10 corresponding to video information included in the received
broadcast information;

producing specification information indicative of the
selected image component;

transmitting the produced specification information; and
15 receiving and presenting the incoming component
information.

31. A broadcast method carried out by the broadcast module
included in the information serving system of claim 22,
20 comprising the steps of:

broadcasting a piece of broadcast information; and
acquire a piece of information about a fee payment for
information serving that has been come from an information
serving module.

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32. An information serving method carried out by the
information serving module included in the information serving
system of claim 22, comprising the steps of:
acquiring a piece of specification information that has

30 come;

transmitting to a reception module a piece of component information indicative of an image component determined by the acquired specification information; and

5 producing a piece of fee payment information about payment of an information serving fee accompanying the transmitted component information when the component information is transmitted to the reception module and transmitting the produced fee payment information to the broadcast module.

10 33. The information serving system of claim 9, wherein the production means of the reception module is configured to produce, as the specification information, a piece of specification information including at least information about time at which positional information indicative of a position 15 of the image component in the image and the image including the image component are outputted.

34. A reception module included in the information serving system of claim 33, comprising:

20 the reception means;
the selection means;
the production means;
the transmission means; and
the presentation means.

25 35. An information serving module included in the information serving module of claim 33, comprising:

the acquisition means; and
the transmission means.

36. The information serving module of claim 35, wherein
the transmission means is configured to determine the image
component specified by the specification information on the basis
of the positional information and the time information included
in the acquired specification information and to transmit to
the reception module the component information corresponding
to the specified image component.

37. A reception method carried out by the reception module
10 included in the information serving system of claim 33,
comprising the steps of:

receiving a piece of broadcast information that has been broadcast;

selecting an image component composing an image corresponding to a piece of video information included in the received broadcast information;

producing a specification information specifying the selected image component, the specification information including positional information indicative of a position of the image component in the image and time information at which the image including the image component is outputted;

transmitting the produced specification information; and receiving and presenting a piece of component information that has come.

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38. An information serving method carried out by the information serving module included in the information serving system of claim 33, comprising the steps of:

acquiring the specification information that has come;

transmitting to the reception module the component information indicating the image component specified by the acquired specification information.